

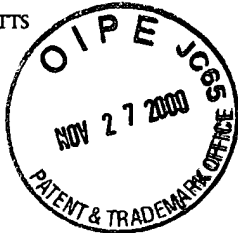
NUTTER, McCLENNEN & FISH, LLP

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DIRECT DIAL NUMBER

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November 21, 2000

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: U.S. Patent Application No. 09/595,925
NETWORK DEVICE INCLUDING REVERSE ORIENTED MODULES
Applicant: Brian Branscomb
Attorney Docket No: 102689-26

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO-1449, citing forty-seven (47) references therein; and
3. Return postcard.

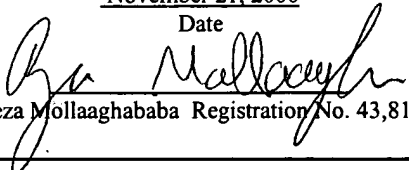
Please charge any additional fee to our Deposit Account No. 141449.

Certificate of First Class Mailing (37 CFR 1.8(a))

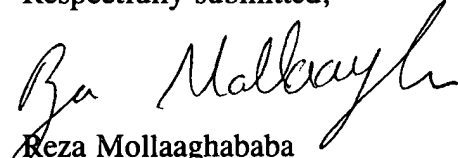
I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner of Patents, Washington, DC 20231 on:

November 21, 2000

Date


Reza Mollaaghababa Registration No. 43,810

Respectfully submitted,


Reza Mollaaghababa
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One International Place
Boston, MA 02110-2699

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Applicant : Brian Branscomb

Application No. : 09/595,925

Filed : June 16, 2000

Entitled : NETWORK DEVICE
INCLUDING REVERSE
ORIENTED MODULES

Docket No. : 102689-26

Group Art Unit: 2756

Examiner: Not Yet Assigned



Certificate of Mailing (37 C.F.R. 1.8(a))

I hereby certify that this correspondence is being deposited with the United States Postal Service Post Office as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date set forth below.

November 21, 2000

By:

Reza Mollaaghababa

Date of Signature and Mail Deposit

Reza Mollaaghababa

Reg. No: 43,810

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

Applicant hereby cites for the record in this application the enclosed documents listed on the attached copy of PTO Form 1449. In accordance with 37 CFR §1.98(d), copies of the references are not submitted herewith insofar as they are all believed to be in the Examiner's file already. The references were previously cited in United States Patent Application No.

Application No.: 09/595,925
Filed: June 16, 2000
Group Art Unit No.: 2756

09/593,034 filed on June 13, 2000. If a copy of any reference is needed, please call the undersigned at the telephone number indicated below.

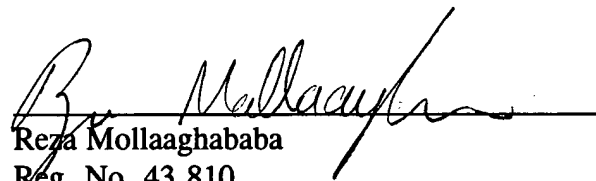
The enclosed Information Disclosure Statement is being filed prior to the mailing date of a first Office Action on the merits. Accordingly, Applicant believes that no fee or certification is required.

The Assistant Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 141449.

Respectfully submitted,

NUTTER, MCCLENNEN & FISH, LLP

Date: November 21, 2000


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928390.1

Form PTO-1449
(Rev. 8-83)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO:
102689-26

APPLICATION NO:
09/595,925

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT:
Brian Branscomb

FILING DATE:
June 16, 2000

GROUP ART UNIT:
2756

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	AA	4	9	4	2	5	4	0	07/90	Black et al.	364	514	RECEIVED DEC 01 2000 Technology Center 2100
	AB	5	5	1	5	4	0	3	05/96	Sloan et al.	375	371	
	AC	5	6	3	8	4	1	0	06/97	Kuddes	375	357	
	AD	5	7	2	6	6	0	7	03/98	Brede et al.	331	2	
	AE	5	8	5	0	3	9	9	12/98	Ganmukhi et al.	370	412	
	AF	5	9	0	3	5	6	4	05/99	Ganmukhi et al.	370	399	
	AG	5	9	0	5	7	3	0	05/99	Yang et al.	370	429	
	AH	5	9	2	6	4	6	3	07/99	Ahearn et al.	370	254	
	AI	5	9	5	3	3	1	4	09/99	Ganmukhi et al.	370	220	
	AJ	5	9	9	1	1	6	3	11/99	Marconi et al.	361	788	
	AK	5	9	9	1	2	9	7	11/99	Palnati et al.	370	389	
	AL	5	9	9	5	5	1	1	11/99	Zhou et al.	370	412	
	AM	6	0	0	8	8	0	5	12/99	Land et al.	345	335	
	AN	6	0	0	8	9	9	5	12/99	Pusateri et al.	361	796	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	BA	9	8	2	6	6	1	1	06/98	PCT				
	BB	9	9	0	5	8	2	6	02/99	PCT				
	BC	9	9	1	1	0	9	5	03/99	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CA	"The Abatis Network Services Contractor," Abatis Systems Corporation product literature, 1999;											
	CB	AtiMe-3E Data Sheet, 1-17 (March 8, 2000);											
Examiner		Date Considered:											
		*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.											

Form PTO-1449
(Rev. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO:
102689-26APPLICATION NO:
09/595,925

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT:
Brian BranscombFILING DATE
June 16, 2000

GROUP ART UNIT:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	AO	6	0	1	5	3	0	0	01/00	Schmidt, Jr. et al.	439	61	NOV 27 2000
	AP	6	0	2	1	1	1	6	02/00	Chiussi et al.	370	236	DEC 01 2000
	AQ	6	0	2	1	2	6	3	02/00	Kujoory et al.	395	200.62	Technology Center 2100

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	BD	9	9	1	4	8	7	6	03/99	PCT				
	BE	9	9	2	7	6	8	8	06/99	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

CC	Black, D., "Building Switched Networks," pp. 85-267;
CD	Black, D., "Managing Switched Local Area Networks A Practical Guide" pp. 324-29;
CE	"Configuration," Cisco Systems Inc. webpage, pp. 1-32 (September 20, 1999);
CF	Leroux, P., "The New Business Imperative: Achieving Shorter Development Cycles while Improving Product Quality," QNX Software Systems Ltd. webpage, (1999);
CG	NavisXtend Accounting Server, Ascend Communications, Inc. product information (1997);
CH	NavisXtend Fault Server, Ascend Communications, Inc. product information (1997);
CI	NavisXtend Provisioning Server, Ascend Communications, Inc. product information (1997);
CJ	Network Health LAN/WAN Report Guide, pp. 1-23
CK	"Optimizing Routing Software for Reliable Internet Growth," JUNOS product literature (1998);
CL	PMC-Sierra, Inc. website (March 24, 2000);
CM	Raddalgoda, M., "Failure-proof Telecommunications Products: Changing Expectations About Networking Reliability with Microkernel RTOS Technology," QNX Software Systems Ltd. webpage, (1999)
Examiner	Date Considered:
	*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant. #928358v1 <IMANAGE> -ids 1449.wpd

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(Rev. 8-83)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO:
102689-26APPLICATION NO:
09/595,925

INFORMATION DISCLOSURE CITATION

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APPLICANT:
Brian BranscombFILING DATE:
June 16, 2000RECEIVED
NOV 27 2000
2755
PATENT & TRADEMARK OFFICE
COMM. ART UNIT:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE*
	AR	6	0	3	3	2	5	9	03/00	Daoud	439	573	
	AS	6	0	4	1	3	0	7	03/00	Ahuja et al.	705	8	
	AT	6	0	4	4	5	4	0	04/00	Fontana	29	505	
	AU	6	0	7	8	5	9	5	06/00	Jones et al.	370	503	

FOREIGN PATENT DOCUMENTS

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													YES	NO
	BF	9	9	3	0	5	3	0	06/99	PCT				
	BG	9	9	3	5	5	7	7	07/99	PCT				

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	CN	"Real-time Embedded Database Fault Tolerance on Two Single-board Computers," Polyhedra, Inc. product literature;
	CO	"Start Here: Basics and Installation of Microsoft Windows NT Workstation," product literature (1998);
	CP	Syndesis Limited product literature, 1999;
	CQ	"Using Polyhedra for a Wireless Roaming Call Management System," Polyhedra, Inc., (prior to May 20, 2000);
	CR	Veritas Software Corporation webpage, 2000.

Examiner

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant.

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